



# **Range Mission Tool Design Review**

**Day One**  
**13 December 2001**  
**Administrative/Management**

**RMT  
Design**



# Agenda Day One

- ***Agenda for Thursday, 13 December***
- **Administrative/Management Elements**

**0830** Introduction  
**0845** Action Item Status  
**0915** Entry/Exit Criteria Review  
**1015** Break  
**1030** SOW Review/CDRL Status/SDP  
**1100** Lunch  
**1230** Schedule Review  
**1300** Discrepancy Review  
**1400** SSS Review  
**1430** Break  
**1445** Issues/Risk Review  
**1530** Action Item Review  
**1600** Adjourn

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# Agenda Day Two

- ***Agenda for Friday, 14 December***
- **Design Elements**

**0830 Solipsys Review of Design Material**

**1015 Break**

**1030 Design Continued**

**1200 Lunch**

**1330 Design Continued**

**1515 Break**

**1530 Administration Closeout**

**1630 Action Item Review/Process Improvement**

**1700 Adjourn**

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# Action Item Status

ID	Title	Action Item Description	Requestor	Request Directed to:	Due Date	Date Identified	Status	Date Closed	Resolution
1	List of COTS and Compilers	Graham is to supply Paola with a list of all COTS and compilers used for the RMT.	Paola Carrasco	Graham Allyn	16 November 2001	20 September 2001	Closed	21 November 2001	(11/28/01) Doug Price sent the RMT COTS list to Bob Guevara - who forwarded it to Paola Carrasco
5	Copy of PFPS SW	Paola is to provide Graham with a copy of the Portable Flight Planning System (PFPS)	Graham Allyn	Paola Carrasco	10 December 2001	20 September 2001	Open		
6	RMT Trouble Reports	Software is to supply Paola with a list of the open Trouble Reports	Paola Carrasco	Graham Allyn	16 November 2001	20 September 2001	Closed	16 November 2001	(11/16/01) Graham sent Linda a listing of open Esprit Trouble Reports.
7	RMT Trouble Reports in DOORS	against the RMT Linda is to put the list of open Trouble Reports into the DOORS database.	Paola Carrasco	Linda Gruber		20 September 2001	Open		

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# Action Item Status

ID	Title	Action Item Description	Requestor	Request Directed to:	Due Date	Date Identified	Status
8	PEA Form	Paola is to send Graham a copy of the Preliminary Engineering Analysis (PEA) form used on TAMPS. (Note: The PEA form will serve as an example. Solipsys is welcome to develop their own <del>Form</del> use case that elaborates the down range / cross range plot capability that is needed for RMT. (Refer to Solipsys' Scenario Planner Requirements document, section 2.2, "Real Time Analysis Plots".)	Graham Allyn	Paola Carrasco	30 November 2001	21 September 2001	Open
11	Develop Use Case for Down Range / Cross Range Plot Capability	Provide Graham Allyn with a sample .CRD file. (Note: a C-130 flight plan from the Linebacker event would be best).	Lincoln Wong	Bob Guevara / Michael Shintani		15 November 2001	Open
12	Sample .CRD file for Graham Allyn		Graham Allyn	Bob Guevara		15 November 2001	Closed

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# Action Item Status (continued)

1 3	Limit PFPS Requirement to Import & Display	Update Scenario Planner Requirements document, section 2.4, "Vehicle Trajectory Waypoint / PFPS File Interchange," to reflect decision	Lincoln Wong / Mike Martorano / Paola Carrasco	Graham Allyn		15 November 2001	Open		
1 4	Review RMT Requirement for Decision Aid Matrix & Provide Feedback	<del>Review RMT requirement for the capability to import from PFPS and capability with Audrey</del> Kunishige and provide feedback to Solipsys. (Refer to Solipsys' Scenario	Paola Carrasco	Lincoln Wong / Mike Martorano	29 November 2001	15 November 2001	Open		
1 5	Review Proposed GUI & Provide Feedback	<del>Planer Requirements User Document (GUI) section 2.7 in Decision Aid Matrix</del> Powerpoint presentation and provide feedback to Solipsys. (Note: Be sure to show GUIs to individuals who have a major interest.)	Paola Carrasco	Everyone	29 November 2001	15 November 2001	Open		

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# Action Item Status (continued)

1 3	Limit PFPS Requirement to Import & Display	Update Scenario Planner Requirements document, section 2.4, "Vehicle Trajectory Waypoint / PFPS File Interchange," to reflect decision to limit this requirement to	Lincoln Wong / Mike Martorano / Paola Carrasco	Graham Allyn		15 November 2001	Open		
1 4	Review RMT Requirement for Decision Aid Matrix & Provide Feedback	Review RMT requirement from RFR decision aid display capability with Aubrey Kunishige and provide feedback to Solipsys. (Refer to Solipsys' Scenario Planner Requirements document, section 2.7, Decision Aid Matrix.)	Paola Carrasco	Lincoln Wong / Mike Martorano	29 November 2001	15 November 2001	Open		

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# Action Item Status (continued)

ID	Title	Action Item Description	Request or	Request Directed to:	Due Date	Date Identified	Status	Date Closed	Resolution
15	Review Proposed GUI & Provide Feedback	Review Graphical User Interface (GUI) as shown in Solipsys' Design Review Powerpoint presentation and provide feedback to Solipsys. (Note: Be sure to show GUIs to individuals who	Paola Carrasco	Everyone	29 November 2001	15 November 2001	Open		
16	Clarify Table 7.1, "Constraint Violation Notifications"	Update major interest Figure 7.1 (Constraint Violation Notifications) in Scenario Planner Requirements document. (Note: Intent of "Constraint Matrix" column	Paola Carrasco	Graham Allyn	11 December 2001	15 November 2001	Open		
17	Clarify Need for Reports	Clarify range need for reports - and provide feedback to Solipsys. (Refer to Scenario Planner Requirements document, paragraph 2.7.9.)	Graham Allyn	Lincoln Wong	29 November 2001	15 November 2001	Open		

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# Action Item Status (continued)

ID	Title	Action Item Description	Request or	Request Direct ed to:	Due Date	Date Identified	Status	Date Closed	Resolution
18	Post CDR Entry/Exit Criteria to Website	Post the CDR Entry / Exit Criteria to the PMRF website.	Graham Allyn	Linda Gruber	19 November 2001	15 November 2001	Closed	19 November 2001	(11/19/01) CDR Entry/Exit Criteria document was posted on the website.
19	Complete Scenario Planner Requirements document	Elaborate the Scenario Planner Requirements document, and provide baseline version for RMT Design Review, 11-13 DEC 01.	Paola Carrasco / Lincoln Wong	Graham Allyn	29 November 2001	15 November 2001	Open		
20	Develop a Naming Convention for RMT Builds	Develop a naming convention for the RMT builds to be developed under the current Delivery Order	Paola Carrasco	PMRF / NAWC WD / Solipsy s	13 December 2001	15 November 2001	Open		

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# Action Item Status (continued)

ID	Title	Action Item Description	Request or	Request Directed to:	Due Date	Date Identified	Status	Date Closed	Resolution
21	Provide Esprit v1.0 Acceptance Test Plan	Send Linda Gruber a copy of the Esprit v1.0 Acceptance Test Plan dated 9/15/99.	Paola Carrasco	Graham Allyn	16 November 2001	15 November 2001	Closed	16 November 2001	(11/16/01) Graham sent Linda a copy of the Esprit v1.0 Acceptance Test Plan dated 9/15/99.
22	Post Esprit v1.0 Acceptance Test Plan on the Website	Post Solipsys' Esprit v1.0 Acceptance Test Plan dated 9/15/99 document on the website.	Paola Carrasco	Linda Gruber	19 November 2001	15 November 2001	Closed	19 November 2001	(11/19/01) Esprit V1.0 Acceptance Test Plan was posted on the website.
23	Provide Updated Design Materials 7 Days Prior to Design Review on 11 DEC 01	Provide Linda Gruber with updated design materials (e.g., slide presentation) seven days prior to 11 DEC meeting for distribution to the RMT Team and posting on the website.	Paola Carrasco	Graham Allyn	29 November 2001	15 November 2001	Open		

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# Action Item Status (continued)

ID	Title	Action Item Description	Requestor	Request Directed to:	Due Date	Date Identified	Status	Date Closed	Resolution
24	Communicate Need for Contract Extension to Correct Deficiencies.	Meet with Larry Brown to discussion extension of contract to allow for correction of deficiencies.	Graham Allyn	Paola Carrasco		15 November 2001	Open		
25	Add Exercises to Schedule	Update RMT schedule to incorporate known Exercises	Paola Carrasco	Graham Allyn		15 November 2001	Open		
26	Create Integrated Schedule	Update RMT schedule to incorporate Government milestones	Paola Carrasco	Paola Carrasco		15 November 2001	Open		
27	Provide PSP Training Course Description	Provide Graham Allyn with a description of the PSP Training Course offered at NAWCWD	Graham Allyn	Paola Carrasco		15 November 2001	Open		

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# Entry/Exit Criteria Review

- **Build Readiness Review**
  - **Planned functionality**
  - **Actual functionality**
  - **IDD**
  - **Plan to deliver items that are delayed**
    - **Effects of those non-delivered items on this build and overall schedule**
  - **VDD**
  - **Traceability between test case to requirement**
  - **Known defects found during development testing**
  - **Known risks and mitigations**
  - **Overall assessment of worthiness of build**



# SOW Review

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# CDRL Status

CDR L	CDRL Title	Short Title	Comment	Contractor POC	Date Due	Date Received	Current Status
A001	Software Development Plan	SDP		Graham Allyn	11/15/01		Late
A002	System/Subsystem Specification	SSS		Graham Allyn			
A002 -01	System/Subsystem Specification - Draft	SSS	Solipsys, v4	Graham Allyn	12/7/01	12/6/01	Delivered on time
A002 -02	System/Subsystem Specification - Final	SSS		Graham Allyn			
A005	Software Product Specification			Graham Allyn			
A006	Software User's Manual			Graham Allyn			
A015	Software Version Description Document	VDD		Graham Allyn			
A019	Performance and Cost Report, Contract/Schedule Status Report			Graham Allyn			

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# CDRL Status (continued)

CDR L	CDRL Title	Short Title	Comment	Contractor POC	Date Due	Date Received	Current Status
A019	Performance and Cost Report, Contract/Schedule Status Report			Graham Allyn			
A019 -01	October 01 - Status Report			Graham Allyn	10/10/01		Late
A019 -02	November 01 - Status Report			Graham Allyn	11/10/01		Late
A019 -03	December 01 - Status Report			Graham Allyn	12/10/01		Late
A020	Technical Report: Trip Report, Study Services			Graham Allyn			
A021	Interface Design Document	IDD		Graham Allyn			
A021 -01	Interface Design Document, Build 1 - Draft	IDD		Graham Allyn	12/15/01	10/25/01	Delivered early
A021 -02	Interface Design Document, Build 1 - Final	IDD		Graham Allyn			
A021 -03	Interface Design Document, Build 2 - Draft	IDD		Graham Allyn	3/15/02		

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# CDRL Status (continued)

CDR L	CDRL Title	Short Title	Comment	Contractor POC	Date Due	Date Received	Current Status
A021 -04	Interface Design Document, Build 2 - Final	IDD		Graham Allyn			
A021 -05	Interface Design Document, Build 3 - Draft	IDD		Graham Allyn	7/15/01		
A021 -06	Interface Design Document, Build 3 - Final	IDD		Graham Allyn			
A022	Presentation Material			Graham Allyn			
A022 -01	Design Review	DR	Solipsys, v6	Graham Allyn	12/7/01	12/6/01	Delivered on time
A022 -02	Build Readiness Review, Build 1	BRR #1		Graham Allyn			
A022 -03	Build Readiness Review, Build 2	BRR #2		Graham Allyn			
A022 -04	Build Readiness Review, Build 3	BRR #3		Graham Allyn			
BCS-1	Fully Functional Executable Code Baseline <sup>Start</sup>			Graham Allyn			Late
BCS-2	Fully Functional Executable Code Baseline <sup>Final</sup>			Graham Allyn			
BCS-3	User Training and Curriculum			Graham Allyn			

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**SDP**



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# Discrepancy Reports

DTR No.	Status	DTR Date	DIR Title	Problem/Modification Description	Impact to User	Priority	Functional Area
1	Open	12/2/2001	Java Virtual Machine - Missing Directory	JAVA/JVM directory does not exist in the 3.1 CDROM that was delivered. (Note: CDROM insert indicates that the directory is there.)	Serious	3	Requirement 1.
2	Open	12/2/2001	Java Virtual Machine - invalid option	Solaris 7 (11/1999) installs with JVM version 1.1 which does not recognize the "-jar" option in the "java -jar setup.jar" command as indicated in the CDROM insert.	Serious	3	Requirement 1.
3	Open	12/2/2001	Java Virtual Machine - Working Directory	"j2rel_3_0-solsparc.bin" must be run from a non-CDROM working directory [i.e., it must be run from a HDD working directory]. This point is not made clear in the CDROM insert.	Serious	3	Requirement 1.
4	Open	12/2/2001	Java Virtual Machine - Link	It was necessary to manually create a unix link to the new version of JAVA for the "java -jar setup.jar" command to work.	Serious	3	Requirement 1.
5	Open	12/2/2001	Java Virtual Machine - Script	It was necessary to manually create a unix script that cd'ed into the default installation directory running "./esprit-withserver."	Serious	3	Requirement 1.
6	Open	12/2/2001	Host - Manual Edit	Page 6 of Appendix A does not mention that a manual edit of the pmrf.prm file is needed to set EspritClientModule.host nor EspritClientModule.port. That is: [system]->[Preferences]->[esprit]->[server tab] is not operational.	Serious	3	Requirement 1.

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# Discrepancy Reports (contd)

DTR No	Status	DTR Date	DTR Title	Problem/Modification Description	Impact to User	Priority	Functional Area
6	Open	12/2/2001	Host - Manual Edit	Page 6 of Appendix A does not mention that a manual edit of the pmf.prf file is needed to set EspritClientModule.host nor EspritClientModule.port. That is: [system]->[Preferences]->[esprit]->[server tab] is not operational.	Serious	3	Requirement 1.
7	Open	12/2/2001	Scripts	The installation and configuration behavior described in section 4 of the user's manual does not occur. While logged on as root, the SS99esprit script is not copied into /etc/rc2.d upon installation and there is no link to /etc/init.d/esprit; therefore, t	Serious	3	Requirement 1.

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# Issues/Risk Review

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